

Management Report for the Facility Registry System (FRS)
July 31, 2000

FRS Population Progress:

As of July 31st, 2000,

FRS records have been created: 45,298 (GOAL FY 2000: 50,000+)

Program Records Extracted: 79,830

(TRI-1998, RMP, RCRIS-TSDs, PCS-Majors, BRS-1995, BRS-1997, TRI-1997)

Program Records needing Manual Review/Data Quality Validation: 21,802

Of these needing manual review, 70% are from the Biennial Reporting System of Hazardous Waste Handlers from 1995 and 1997. 19% of the manual records are from the PCS Majors.

Preliminary Findings on Facility Integration

Using the base universe of facility records from the program systems minus AIRS, of the 45,298 actively reporting facilities that could be considered the “ Majors” (minus AIRS):
They are:

Stand Alone Facilities = 35,440

Two System Linked = 7,516

Three System Linked = 1,444

Four System Linked = 430

Five System Linked = 133

45,298 FRS Facilities with 58,028 Program records linked.

The automated matching must be sufficiently sophisticated to identified same place facilities because reporting is not consist enough for just the automated processing.

S Manual data validation and review is essential part of the integration process.

- ★ 54% of the Biennial Reporting System of Hazardous Waste Handlers from 1995 and 1997 need some manual review to ensure a proper linkage or to create a stand alone FRS record

Application development for cross-media purposes such as Risk Assessment, Facility Enforcement Targeting, and Environmental Justice Analysis is very difficult in the current EPA database technology and data structures.

With **21,802 records now needing manual review**, the FRS team and its partners in the Regions and States will begin to do ground level investigation to discover sufficient values for the facility identification to link or create a new FRS record.

FRS Population Summary by Program System (July 2000)

Program System/ Date pulled to FRS	# of extracted records	# of FRS Stand Alone records created/	# linked to other program records	% of records linked to other programs	# of records being manually reviewed	% of records being manually reviewed
TRI (1998) 06/2000 TRI (1997) 07/2000	23,576 <u>2,052</u> 25,628	15,579	9,166	36% of TRI	883	3%
RMP (1999) 06/2000	14,861	10,688	3,483	23% of RMP	690	5%
RCRIS - TSDs 06/2000	4,511	1,322	2,152	48% of RCRIS	1,037	23%
PCS - Majors 06/2000	6,900	1,038	1,726	25% of PCS Majors	4,136	60%
BRS 07/2000	27,930	6,813	6,061	22% of BRS 1997/95	15,056	54%
Total 07/31/00	79,830	35,440	22,588		21,802	

FRS records have been created: 45,298

For Locational Data Quality prior to the FRS Loading and Reconciliation

Locational data has not been updated since the June report. In August, emphasis will be given to create Latitudes and Longitudes for FRS records that are at least better than Zip Code Centroid.

Program System	# of records that do not have a Lat/Long locational coordinate	# of records that have a Zip Code Centroid
TRI (1998)	77	464
TRI (1997)	7	42
RMP (1999)	864	73
RCRIS- TSD	51	233
PCS - Majors	269	28
Total	1,268	840

NEXT STEPS

In Population:

The next program universe into FRS will be from AIRS : the NETS/NTIs databases.

State Master Facility data will be brought into the FRS in August.

In Program Linkage and Integration:

Review of the program records in BRS will be the focus of the SDC - FRS support team in the month of August. Efforts will be made to create better lat/longs for the current universe of FRS records that will be stored in the Locational Reference Tables.

In Data Quality Analysis:

Engagement with the National System Managers and the Regional Data Stewards will be initiated in August to undertake a data quality enhancement of records needing manual review and of the creation of FRS records.